CLAIMS:

1.          A tutorial generation unit (100) for explaining to a user multimedia
management behavior of a multimedia item management system (130) arranged to manage
multimedia items (164, 166, 168, 169) according to user preferences by means of at least one
multimedia management rule (MMR), the tutorial generation unit (100) comprising :

5     -          a processing unit (151), arranged to select at least one selected rule (MMR1)
to be explained of the at least one multimedia management rule (MMR), the at least one
selected rule (MMR1) being selected depending on a predetermined relevance value (R)
indicative of a relevance to the user of the at least one selected rule (MMR1); and
      -          a rendering unit (178), arranged to generate at least one explanation theme

10    (104) comprising at least one audiovisual information presentation signal (108, 110, 112)
based on the at least one selected rule (MMR1) to be explained, and arranged to generate a
tutorial (102) intended for user observation, the tutorial (102) comprising the at least one
explanation theme (104).

15    2.          A tutorial generation unit (100) as claimed in claim 1, in which a user interface
unit (150) is comprised, arranged to substitute the at least one information presentation signal
(108, 110, 112) of the at least one explanation theme (104) based on user input (in).

      3.          A tutorial generation unit (100) as claimed in claim 1, in which the rendering

20    unit (178) is arranged to present explanation themes (104) of the type:
      a)          a movie of pictures to be presented during a predetermined time interval (Dt1),
the pictures comprising at least one sub-picture image signal, the at least one sub-picture
image signal comprising a graphical representation corresponding the at least one selected
rule (MMR1);

25    b)          an information presentation image presenting information corresponding to the
at least one selected rule (MMR1), with clickable hyperlink regions (532, 534, 536, 538),
which hyperlink regions when clicked initiate the display of a different information
presentation image corresponding to a different explanation theme (106) ;

c)        a collection of audio sequentially played snippets, each snippet corresponding to the at least one selected rule (MMR1); and

d)        scrolling text containing identifying information of at least one multimedia item selected according to the at least one selected rule (MMR1).

4.        A tutorial generation unit (100) as claimed in claim 2, in which the processing unit (151) is further arranged to adapt the at least one multimedia management rule (MMR) of the multimedia item management system (130) based on the user input (in).

5.        A tutorial generation unit (100) as claimed in claim 1, in which the processing unit (151) is further arranged to associate a presentation time interval (Dt) with the at least one explanation theme (104), indicating the time interval during which the collection of information presentation signals (108, 110, 112) of the at least one explanation theme (104) are to be presented to the user.

6.        A tutorial generation unit (100) as claimed in claim 5, in which the processing unit (151) is further arranged to :

-        comprise a predetermined total presentation time interval (Ttot); and

-        allocate explanation themes (104) and associated presentation time intervals (Dt) on the basis of the relevance value (R) of the at least one selected rule (MMR1), and the total presentation time interval (Ttot).

7.        A tutorial generation unit (100) as claimed in claim 1, in which the processing unit (151) is further arranged to determine the relevance value (R) of a single selected rule (MMR1) or a combination of selected rules on the basis of one or more of:

-        a percentage of songs selected or rejected according to the selected rule (MMR1) or rules;

-        a degree of correspondence between the selected rule (MMR1) or rules and a user preference rule (UPR);

-        a manually assigned relevance of the selected rule (MMR1) or rules;

-        a date of introduction or modification of the selected rule (MMR1) or rules;

-        a date of previous explanation of the selected rule (MMR1) or rules;

-        a predetermined kind of management action the selected rule (MMR1) or rules predominantly contributes to; and

-            an origin of a rule.

8.          A tutorial generation unit (100) as claimed in claim 1, in which the processing unit (151) is further arranged to explain a subset of the selected rules (MMR1) and/or vary

5    parameters of a subset of the selected rules (MMR1).

9.          A tutorial generation unit (100) as claimed in claim 1, in which the processing unit (151) is further arranged to perform a mathematical analysis on an equation (350) specifying a combined action of a set of selected rules (MMR1), in order to explain to a user

10   aspects of the behavior of the equation.

10.         A tutorial generation unit (100) as claimed in claim 1, further comprising an interface unit (152) arranged to receive or retrieve information from an external information source (154) of at least one of the types:

15   -            human generated information describing a multimedia item;

-            human generated information describing a multimedia management rule (MMR) or a combination of multimedia management rules;  and

-            human generated information specifying a particular presentation signal related with a multimedia management rule (MMR).

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11.         A tutorial generation unit (100) as claimed in claim 1, arranged to receive data on user preferences from a user preference determination unit (182).

12.         A multimedia management system comprising:

25   -            a multimedia item management system (130) arranged to manage multimedia items (164, 166, 168, 169) according to user preferences by means of at least one multimedia management rule (MMR); and

-            a tutorial generation unit (100) as claimed in claim 1, arranged to explain to a user the behavior of the multimedia item management system (130).

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13.         A portable apparatus (500) comprising:

-            a multimedia item management system (130) arranged to manage multimedia items (164, 166, 168, 169) according to user preferences by means of at least one multimedia management rule (MMR); and

-           a tutorial generation unit (100) as claimed in claim 1, arranged to explain to a user the behavior of the multimedia item management system (130).


14.        A method of explaining multimedia management behavior of a multimedia item management system (130) arranged to manage multimedia items (164, 166, 168, 169) according to user preferences by means of at least one multimedia management rule (MMR), comprising:

-           selecting at least one selected rule (MMR1) to be explained of the at least one multimedia management rule (MMR), the at least one selected rule (MMR1) being selected depending on a predetermined relevance value (R) indicative of a relevance to a user of the at least one selected rule (MMR1);and

-           generating at least one explanation theme (104) comprising at least one audiovisual information presentation signal (108, 110, 112) based on the at least one selected rule (MMR1) to be explained, and out of that generating a tutorial (102) intended for user observation, the tutorial (102) comprising one or more explanation themes (104, 106).


15.        A computer program product comprising code enabling a processor to execute the method as claimed in claim 14, or enabling the processor to execute a method performing the signal processing functionality of one of the entities as claimed in claim 1 to 11.